



07-12-04

2838

Jfw

Practitioner's Docket No. 180640

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Fumio Suzuki

Application No.: 09/833,884

Group No.: 2838

Filed: April 12, 2001

Examiner: Luk, Examiner

For: CHARGING APPARATUS, CHARGING METHOD, CHARGING SYSTEM, AND
RECORDING MEDIUM ONTO WHICH RECORDED A CHARGING METHOD

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

STATEMENT FOR INFORMATION DISCLOSURE
UNDER 37 C.F.R. § 1.97(e)IDENTIFICATION OF INFORMATION DISCLOSURE STATEMENT
FOR WHICH THIS STATEMENT IS BEING MADE

1. This statement is being made for the Information Disclosure Statement accompanying this statement.

CERTIFICATION UNDER 37 C.F.R. §§ 1.8(a) and 1.10*

(When using Express Mail, the Express Mail label number is *mandatory*;
Express Mail certification is optional.)

I hereby certify that, on the date shown below, this correspondence is being:

MAILING

☐ deposited with the United States Postal Service in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

37 C.F.R. § 1.8(a)

☐ with sufficient postage as first class mail.

37 C.F.R. § 1.10*

☒ as "Express Mail Post Office to Addressee"Mailing Label No. EL 998148674 US (mandatory)

TRANSMISSION

☐ facsimile transmitted to the Patent and Trademark Office, (703) _____Date: July 9, 2004Marilyn Tillman
SignatureMarilyn Tillman
(type or print name of person certifying)

* Only the date of filing (§ 1.6) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under § 1.8 continues to be taken into account in determining timeliness. See § 1.703(f). Consider "Express Mail Post Office to Addressee" (§ 1.10) or facsimile transmission (§ 1.6(d)) for the reply to be accorded the earliest possible filing date for patent term adjustment calculations.

STATEMENT

2. I, the person signing below, state that each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. 37 C.F.R. § 1.97(e)(1).

IDENTIFICATION OF PERSON MAKING THIS STATEMENT

3. The person making this certification is:

- (a) the practitioner who signs below on the basis of the information supplied by the inventor(s).

Date:

6/23/04

Neal L. Slifkin

Neal L Slifkin
Registration No. 34,018
HARRIS BEACH LLP
99 Garnsey Road
Pittsford, NY 14534
585-419-8636



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
PATENT EXAMINING OPERATION

Applicant: Fumio Suzuki et al.
Serial No: 09/833,884
Filed: 12 April 2001
Title: CHARGING APPARATUS, CHARGING METHOD, CHARGING
SYSTEM, AND RECORDING MEDIUM ONTO WHICH IS
RECORDED A CHARGING METHOD
Examiner: Luk, Lawrence Art Unit: 2838
Docket: 180640

Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Pursuant to 37 CFR §§1.97 and 1.98, Applicant hereby brings to the attention of the United States Patent and Trademark Office, the enclosed items listed on the attached PTO/SB/08A Form. If any additional fees are required, please charge deposit account 08-0865.

Two of the cited references are in Japanese and the relevance of each is as follows:

JPP' 6-30528- This document shows a battery charge/discharge apparatus in which a plurality of battery charge/discharge apparatuses are arranged and controlled by a computer and a main object is to provide a monitoring system which can monitor whether or not each one of the newly produced batteries has a predetermined good charge/discharge characteristic as a battery to be sold and to remove a bad battery from the production line.

This document shows that charge/discharge condition of each one of the battery charge/discharge apparatuses can be set by a computer so as to realize a battery producing line in which a plurality of different kinds of batteries can be controlled in one line in mixed condition, but it fails to show or suggest the technical feature of the present invention in that a plurality of information about the secondary batteries to be charged and about recommendable programs for charging the respective secondary batteries are stored in a suitable memory device and a charging operation for a selected secondary battery can be performed by selecting a suitable charging program from a list thereof stored in the memory device and showing the charging condition and the current charging situation on a display of the computer.

JPP' 10-512378- This document discloses a charging system in which a secondary battery used in a mobile phone can be charged by a notebook type computer through a PCMC1 card. However, in this document, only one kind of secondary battery can be charged by the computer since the PCMC1 card is simply designed so as to have a specific charging program allowing the specific battery only to be charged.

Respectfully submitted,

Dated: _____

7/8/04



Neal L. Slifkin
Attorney for Applicant
Registration No.: 34,018

99 Garnsey Road
Pittsford, NY 14534
585-419-8636 FAX 585-419-8813



Approved for use through 07/31/2006 : OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1486A/PTC

Complete if Known

(Use as many sheets as necessary)

Sheet	1	of	3
-------	---	----	---

Application Number	09/833,884
Filing Date	04/12/2001
First Named Inventor	Fumio Suzuki
Art Unit	2838
Examiner Name	Luk, Lawrence
Attorney Docket Number	180640

[illegible]

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		JP 6-30528	02/04/1994	Minoru et al.		
		JP 10-512378	11/24/1998	Bar-On et al.		
		JP 10201127 (Abstract)	07/31/1998	T. Noboru		
		JP 20000 20176 (Abstract)	01/21/2000	S. Katsuhito		
		JP 20000 20175 (Abstract)	01/21/2000	S. Junichiro		

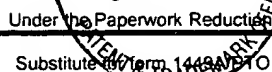
**Examiner
Signature**

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.¹ Applicant's unique citation designation number (optional).² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

(Use as many sheets as necessary)

Sheet	2	of	3
-------	---	----	---

Application Number	09/833,884
Filing Date	04/12/2001
First Named Inventor	Fumio Suzuki
Art Unit	2838
Examiner Name	Luk, Lawrence
Attorney Docket Number	180640

[illegible]

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		EP 0 435 317 A2	07/03/1991	Kasashima et al.		
		EP 0 887 991 A2	12/30/1998	K. Kondo et al.		
		EP 0 889 659 A2	01/07/1999	H. Ushiroda		
		EP 1 085 400 A2	03/21/2001	Bork et al.		
		DE 200 04 691 U1	08/03/2000	Yang et al.		

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 509. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.¹ Applicant's unique citation designation number (optional).² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	3	of	3
-------	---	----	---

Complete if Known

Application Number	09/833,884
Filing Date	04/12/2001
First Named Inventor	Fumio Suzuki
Art Unit	2838
Examiner Name	Luk, Lawrence
Attorney Docket Number	180640

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		WO 00/19364	04/06/2000	B. Miller		
		WO 96/21900 (Abstract)	07/18/1996	Bar-On et al.		
		GB 2 362 520 A	11/21/2001	T. Okamura		
		EP 0 889 659 A3	01/12/2000	H. Ushiroda		

Examiner Signature	Date Considered
-----------------------	--------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.